

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

JUL 1 9 2004

ATTORNEY DOCKET NO. 200310950-1

As a below named inventor, I hereby declare that;

My residence/post office add	ress and citizenship are a	s stated below next t	o my name;
I believe I am the original, firs joint inventor (if plural names patent is sought on the invent	s are listed below) of the	y one name is listed subject matter which	below) or an original, first and ch is claimed and for which a
Image Data Processing Metho		s, And Articles Of Ma	anufacture
		- fallawing bawin ab	
the specification of which is		•	
· · · · · · · · · · · · · · · · · · ·	2004 as US Applic		
Number <u>10/758840</u>	and was amende	d on	(if applicable).
I hereby state that I have re including the claims, as ame disclose all information which	nded by any amendment	(s) referred to above	above-identified specification, e. I acknowledge the duty to FR 1.56.
Foreign Application(s) and/or Claim of	of Foreign Priority		
	nd have also identified below ar	ny foreign application for p	ny foreign application(s) for patent or patent or inventor(s) certificate having
COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: NO:
			YES: NO:
Provisional Application	<del></del>		
I hereby claim the benefit under Titl below:	e 35, United States Code Sect		States provisional application(s) listed
	APPLICATION NUMBER	FILING DATE	_
		,	_
U. S. Priority Claim			
insofar as the subject matter of each manner provided by the first paragra	h of the claims of this application oph of Title 35, United States ( ode of Federal Regulations, Section	on is not disclosed in the Code Section 112, I acknotion 1.56(a) which occurre	States application(s) listed below and, prior United States application in the owledge the duty to disclose material ed between the filing date of the prior
APPLICATION NUMBER	FILING DATE	STATUS (pa	atented/pending/abandoned)
POWER OF ATTORNEY: As a named inventor, I hereby app business in the Patent and Trademark		and/or agent(s) to prosed	cute this application and transact all
Customer Numbe	r 022879	Number Bar Code	
		Label here	]
Send Correspondence to: HEWLETT-PACKARD COMPANY		Direct Telephone	e Calls To:
Intellectual Property Administration	on	Larry D. Baker	
P.O. Box 272400 Fort Collins, Colorado 80527-24	00	360 212 0769	
made on information and be with the knowledge that w	elief are believed to be to rillful false statements a r Section 1001 of Title 1	rue; and further that and the like so mad 8 of the United Stat	re true and that all statements these statements were made de are punishable by fine or tes Code and that such willfult issued thereon.
Full Name of Inventor: Zhen He		Citizenship: CN	
Residence: 843 Hart	ford Street, Apt. 6 West	Lafayette, IN 47904	

New Date

Same as Residence

Post Office Address:

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 200310950-1

Full Name of joint inventor:	Ti-Chiun Chang		Citizenship:	TW
Residence:	228-3 Amold Drive West Lafaytt	e, IN 479	06 Taiwan,	Province of China [TW]
Post Office Address:	Same as Residence			
Inventor's Signature		Date	·	
Full Name of joint inventor:	Charles A. Bouman		Citizenship:	US
Residence:	40 Clay Ct. West Lafayette, IN	47906		
Post Office Address:	Same as residence	<del></del>	<del></del>	
Inventor's Signature		Date		
Full Name of joint inventor:	Jan P. Allebach		Citizenship:	us
Residence:	1721 Woodland Ave W Lafayett	e IN 479	06	
Post Office Address:	Same as residence	н.		
Inventor's Signature		Date		
Full Name of joint inventor:			Citizenship:	
Residence:			Citizensnip.	
Post Office Address:				·
Tool office Addition.				
Inventor's Signature		Date		
Full Name of joint inventor:			Citizenship:	
Residence:				
Post Office Address:				
Inventor's Signature		Date		
Full Name of joint inventor:			Citizenship:	
Residence:				
Post Office Address:				
Inventor's Signature	<del></del>	Date		
Full Name of joint inventor:			Citizenship:	
Residence:				
Post Office Address:				
Inventor's Signature		Date		

### **DECLARATION AND POWER OF ATTORNEY** FOR PATENT APPLICATION

JUL 1 9 2004

ATTORNEY DOCKET NO. 200310950-1

As a below named inventor, I hereby declare that My residence/post office address and citizenship are as stated below next to my name;

Image Data Processing Methods,  the specification of which is attact (X) was filed on Jan 16, 200  Number 10/758840  I hereby state that I have review including the claims, as amended disclose all information which is more of the process of the p	and was amend and understood by any amendmentaterial to patentabil eign Priority der Title 35, United Stave also identified below	he following box is checation No. or PCT Intended on the contents of the ht(s) referred to abovity as defined in 37 Cottes Code Section 119 of a	necked: ernational Application (if applicable). e above-identified specification, e. I acknowledge the duty to CFR 1.56. any foreign application(s) for patent or
(X) was filed on Jan 16, 200  Number 10/758840  I hereby state that I have review including the claims, as amended disclose all information which is marked to be supplication of the supp	as US Appli and was amend yed and understood by any amendment naterial to patentabil eign Priority der Title 35, United Sta ye also identified below	cation No. or PCT Int ed on the contents of the it(s) referred to abov ity as defined in 37 C	ernational Application (if applicable). e above-identified specification, e. I acknowledge the duty to CFR 1.56. any foreign application(s) for patent or
(X) was filed on Jan 16, 200  Number 10/758840  I hereby state that I have review including the claims, as amended disclose all information which is marked to be supplication of the supp	as US Appli and was amend yed and understood by any amendment naterial to patentabil eign Priority der Title 35, United Sta ye also identified below	cation No. or PCT Int ed on the contents of the it(s) referred to abov ity as defined in 37 C	ernational Application (if applicable). e above-identified specification, e. I acknowledge the duty to CFR 1.56. any foreign application(s) for patent or
Number 10/758840  I hereby state that I have review including the claims, as amended disclose all information which is marked from the state of the application.	and was amend yed and understood by any amendmen naterial to patentabil eign Priority nater Title 35, United Stave also identified below a	ed on  the contents of the at(s) referred to above ity as defined in 37 Counters Code Section 119 of a section 119 of	(if applicable).  above-identified specification, be. I acknowledge the duty to CFR 1.56.  any foreign application(s) for patent or
I hereby state that I have review including the claims, as amended disclose all information which is marked from the state of the state of the state of the application. I hereby claim foreign priority benefits uninventor(s) certificate listed below and have a filing date before that of the application	yed and understood by any amendmen naterial to patentabil elgn Priority nder Title 35, United Sta ve also identified below a	the contents of the total t(s) referred to abovity as defined in 37 Cottes Code Section 119 of a	e above-identified specification, e. I acknowledge the duty to CFR 1.56.
including the claims, as amended disclose all information which is meaning the foreign Application(s) and/or Claim of Foreign Application(s) and/or Claim of Foreign priority benefits uninventor(s) certificate listed below and have a filing date before that of the application	d by any amendmen naterial to patentabil eign Priority nder Title 35, United Sta ve also identified below a	it(s) referred to abovity as defined in 37 C	e. I acknowledge the duty to CFR 1.56.  any foreign application(s) for patent or
I hereby claim foreign priority benefits un inventor(s) certificate listed below and har a filing date before that of the application	nder Title 35, United Stave also identified below		
inventor(s) certificate listed below and har a filing date before that of the application	ve also identified below a		
COUNTRY		med:	patent of inventor(s) certificate having
COOMIN	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
	-		YES: NO:
		<u>-</u>	YES: NO:
Provisional Application			
I hereby claim the benefit under Title 35, below:	United States Code Sec	ction 119(e) of any United	States provisional application(s) listed
APF	PLICATION NUMBER	FILING DATE	
I hereby claim the benefit under Title 35 insofar as the subject matter of each of t manner provided by the first paragraph o information as defined in Title 37, Code o application and the national or PCT internal	the claims of this applica f Title 35, United States f Federal Regulations, Se	tion is not disclosed in the Code Section 112, I ackr ction 1.56(a) which occur	e prior United States application in the nowledge the duty to disclose material
APPLICATION NUMBER	FILING DATE	STATUS (p	patented/pending/abandoned)
POWER OF ATTORNEY: As a named inventor, I hereby appoint business in the Patent and Trademark Offi		and/or agent(s) to prose	ecute this application and transact all
04	22879	Place Customer Number Bar Code Label here	] .
Customer Number 0			
Send Correspondence to:		Direct Telephor	ne Calls To:
Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration		Direct Telephor Larry D. Baker	
Send Correspondence to: HEWLETT-PACKARD COMPANY		·	
Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400	are believed to be I false statements ction 1001 of Title	Larry D. Baker 360 212 0769  my own knowledge atrue; and further that and the like so mathematical that the United States.	are true and that all statements t these statements were made are punishable by fine or ates Code and that such willful
Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400  I hereby declare that all statemer made on information and belief with the knowledge that willful imprisonment, or both, under Sefalse statements may jeopardize t	are believed to be I false statements ction 1001 of Title	Larry D. Baker 360 212 0769  my own knowledge a true; and further tha and the like so ma 18 of the United Sta plication or any pater	are true and that all statements t these statements were made are punishable by fine or ates Code and that such willfulnt issued thereon.
Send Correspondence to: HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400  I hereby declare that all statemer made on information and belief with the knowledge that willful imprisonment, or both, under Sefalse statements may jeopardize t  Full Name of Inventor: Zhen He	are believed to be I false statements ction 1001 of Title he validity of the ap	Larry D. Baker 360 212 0769  my own knowledge atrue; and further that and the like so mathematical that the United States.	are true and that all statements to these statements were made ade are punishable by fine or ates Code and that such willful at issued thereon.

Date

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

### ATTORNEY DOCKET NO. 200310950-1

Full Name of joint inventor:	Ti-Chiun Chang		Citizenship:	TW
Residence:	228-3 Arnold Drive West Lafaytt	e, IN 479	06 Taiwan,	Province of China [TW]
Post Office Address:	Same as Residence			
Ji-chi 1	la ma	3/1	5/04	
Inventor s Signature		Date	<u> </u>	
Full Name of joint inventor:	Charles A. Bouman		Citizenship:	US
Residence:	40 Clay Ct. West Lafayette, IN	17906		· · · · · · · · · · · · · · · · · · ·
Post Office Address:	Same as residence			
Inventor's Signature		Date		
Full Name of joint inventor:	Jan P. Allebach		Citizenship:	us
Residence:	1721 Woodland Ave W Lafayette	e IN 479	06	
Post Office Address:	Same as residence			
Inventor's Signature		Date		
Full Name of joint inventor:			Citizenship:	
Residence:				
Post Office Address:				
rost Office Address.		· · · · · · · · · · · · · · · · · · ·		
Inventor's Signature	*	Date		
Full Name of joint inventor:			Citizenship:	
Residence:				
Post Office Address:	<del></del>			
Inventor's Signature		Date		
Full Name of joint inventor:			Citizenship:	
Residence:				
Post Office Address:				
Inventor's Signature		Date		
Full Name of joint inventor:			Citizenship:	
Residence:				
Post Office Address:				
Inventor's Signature		Date		

### PATENT APPLICATION

Page 1 of 2

DRNEY JUL 1 9 2004

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. 200310950-1

As a below named inventor, I hereby declare that TRADES

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

patent is sought on the inv mage Data Processing Me	ethods, Hard Imaging Device	s, and Articles of M	anulacture	
the specification of which	is attached hereto unless th	e following box is o	hecked:	
•	as US Applic			lication
Number 10/758,8		ed on		
hereby state that I have ncluding the claims, as a disclose all information wh	e reviewed and understood imended by any amendment nich is material to patentabili	t(s) referred to abo	ve. I acknowle	ied specification edge the duty to
nventor(s) certificate listed below	nim of Foreign Priority enefits under Title 35, United State w and have also identified below a oplication on which priority is claim	ny foreign application fo	any foreign applic r patent or invento	cation(s) for patent or(s) certificate havin
COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIME	D UNDER 35 U.S.C. 119
			YES:	NO:
			YES:	NO:
Provisional Application hereby claim the benefit under pelow:	r Title 35, United States Code Sect	tion 119(e) of any Unite	ed States provision	al application(s) liste
	APPLICATION NUMBER	FILING DATE		
		·_·		
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hereby claim the benefit under sofar as the subject matter of nanner provided by the first pa nformation as defined in Title 3	r Title 35, United States Code, Se each of the claims of this applicat ragraph of Title 35, United States 7, Code of Federal Regulations, Sec CT international filing date of this a	ion is not disclosed in t Code Section 112, I ac ction 1.56(a) which occu	he prior United Sta knowledge the dut	ites application in th y to disclose materi
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hereby claim the benefit under nsofar as the subject matter of manner provided by the first particular of the formation as defined in Title 3 application and the national or PAPPLICATION NUMBER  POWER OF ATTORNEY: As a named inventor, I hereby	each of the claims of this applicat ragraph of Title 35, United States 7, Code of Federal Regulations, Sec CT international filing date of this a	ion is not disclosed in t Code Section 112, I ac ction 1.56(a) which occu pplication:  STATUS	he prior United Sta knowledge the dut urred between the f	ates application in the yto disclose materifiling date of the price oned)
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hereby claim the benefit under as the subject matter of nanner provided by the first panformation as defined in Title 3 application and the national or PAPPLICATION NUMBER  POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trade  Send Correspondence to:	each of the claims of this applicat ragraph of Title 35, United States 7, Code of Federal Regulations, Sec CT international filing date of this a FILING DATE appoint the following attorney(s)	ion is not disclosed in t Code Section 112, I ac ction 1.56(a) which occu pplication:  STATUS  and/or agent(s) to pro  Direct Telephone Larry Baker	he prior United Sta knowledge the duty urred between the to (patented/pending/aband	ates application in the state of the principle of the pri
hereby claim the benefit under insofar as the subject matter of manner provided by the first particular in Title 3 application and the national or PAPPLICATION NUMBER  APPLICATION NUMBER  POWER OF ATTORNEY: As a named inventor, I hereby pusiness in the Patent and Trade  Send Correspondence to:	each of the claims of this applicat ragraph of Title 35, United States 7, Code of Federal Regulations, Sec CT international filing date of this a FILING DATE  appoint the following attorney(s) emark Office connected therewith:	ion is not disclosed in t Code Section 112, I ac ction 1.56(a) which occu pplication:  STATUS  and/or agent(s) to pro	he prior United Staknowledge the duty urred between the formal (patented/pending/aband secute this application).	ates application in the system of the principle of the pr
hereby claim the benefit under insofar as the subject matter of manner provided by the first particular in the particular in the assertion and the national or PAPLICATION NUMBER  APPLICATION NUMBER  APPLICATION NUMBER  POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trade  Send Correspondence to:  Customer Number  Q2  HEWLETT-PACKARD COM Intellectual Property Admin P.O. Box 272400 Fort Collins, Colorado 805  I hereby declare that all smade on information and with the knowledge that imprisonment, or both, unfalse statements may jeon full Name of Inventor:  Zhen I	appoint the following attorney(s) emark Office connected therewith:  2879  IPANY nistration  Statements made herein of rebelief are believed to be in derivative and in the pardize the validity of the appoint of Title pardize the validity of the appoint and the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the validity of the appoint and the statements of the pardize the	and/or agent(s) to pro  Direct Telephone Larry Baker 541-715-7331  ugh the attorney is listed 022879 with this case.  ny own knowledge true; and further the and the like so m 18 of the United S plication or any pate Citizenship: C	he prior United Staknowledge the dutured between the function of the control of t	tes application in the yto disclose materifiling date of the price of
POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trade  Send Correspondence to:  Customer Number  Description of Collins, Colorado 809  I hereby declare that all smade on information and with the knowledge that imprisonment, or both, utility false statements may jeop.  Residence:  2660	each of the claims of this applicat ragraph of Title 35, United States 7, Code of Federal Regulations, Sec CT international filing date of this a FILING DATE  appoint the following attorney(s) emark Office connected therewith:  2879  IPANY	and/or agent(s) to pro  Direct Telephone Larry Baker 541-715-7331  ugh the attorney is listed 022879 with this case.  ny own knowledge true; and further the and the like so m 18 of the United S plication or any pate Citizenship: C	he prior United Staknowledge the dutured between the function of the control of t	HP's Customer  at all statement ments were mac hable by fine co

(Use Page Two For Additional Inventor(s) Signature(s))

Rev 05/04 (DecPwr)

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 200310950-1

Full Name of # 2 joint inventor:	Ti-chiun Chang		Citizenship: Taiw	/an
Residence: 228-3 Arnold Drive, West Lafayette IN 47906 U.S.A.  Post Office Address: Same as residence.				
Inventor's Signature		Date		
	<b>.</b>		am	Δ.
Full Name of # 3 joint inventor:	Charles Bouman 40 Clay Court, West Lafayette	IN 47906	Citizenship: U.S.	А.
Residence:	Same as residence.	111 47 900	U.S.A.	
Post Office Address:	Borren.		121100	
Inventor's Signature	)ouron	Date Date	12/10	
Full Name of # 4 joint inventor	Jan Allebach		Citizenshi <u>p:</u> U.S.	Α
Residence:	1721 Woodland Avenue, West	Lafayette II	N 47906 U.S.	A
Post Off CAddress A	Same as residence.			
- WCLUL	nch	<u> 21</u>	June	2004
Inventor s Signature		Date		
V	_		Citizonshin	
Full Name of # 5 joint inventor	:		Citizenshi <u>p:</u>	
Residence:				
Post Office Address:				<u>, , , , , , , , , , , , , , , , , , , </u>
Inventor's Signature		Date	<del>,,,,</del>	
Full Name of # 6 joint inventor			Citizenship:	
Residence:				
Post Office Address:				
Inventor's Signature		Date		
		Date		
Full Name of # 7 joint inventor	r		Citizenship:	
Residence:	r		• • • • • • • • • • • • • • • • • • •	
Post Office Address:		·		-
rost office Address.				<del></del>
Inventor's Signature		Date	<u> </u>	
Full Name of # 8 joint invento	r:		Citizenship:	
Residence:				
Post Office Address:				
Inventor's Signature		Date		